

In the Claims

1-62. (Canceled)

63. (Previously Presented) A method of preventing or inhibiting an indication associated with leukocyte migration, comprising: administering to a mammal afflicted with, or at risk of, the indication an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14).

64. (Currently Amended) A method of preventing or inhibiting an indication associated with ~~hematopoietic cell~~ leukocyte recruitment, comprising: administering to a mammal at risk of, or afflicted with, the indication an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14).

65. (Currently Amended) A method of preventing or inhibiting ~~hematopoietic cell~~ leukocyte recruitment at a preselected physiological site, comprising: administering to a mammal a dosage form comprising an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14), wherein the dosage form is linked to a site targeting moiety.

66. (Canceled)

67. (Previously Presented) A method of preventing or inhibiting an indication associated with leukocyte migration, comprising: administering to a mammal afflicted with, or at risk of, the indication an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42, SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, SEQ ID NO:74, reverse D Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln, reverse D Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys, or reverse D Glu-Ile-Cys-Ala-Asp-Pro-Lys-Gln-Lys-Trp-Val-Gln-Cys.

68. (Currently Amended) A method of preventing or inhibiting an indication associated with hematopoietic cell leukocyte recruitment, comprising: administering to a mammal at risk of, or afflicted with, the indication an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42, SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, SEQ ID NO:74, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, SEQ ID NO:11, SEQ ID NO:12, SEQ ID NO:13, SEQ ID NO:14, SEQ ID NO:27, reverse D Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln, reverse D Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys, or reverse D Glu-Ile-Cys-Ala-Asp-Pro-Lys-Gln-Lys-Trp-Val-Gln-Cys.

69. (Currently Amended) A method of preventing or inhibiting hematopoietic cell leukocyte recruitment at a preselected physiological site, comprising: administering to a mammal a dosage form comprising an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42, SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, SEQ ID NO:74, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, SEQ ID NO:11, SEQ ID NO:12, SEQ ID NO:13, SEQ ID NO:14, SEQ ID NO:27, reverse D Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln, reverse D Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys, or reverse D Glu-Ile-Cys-Ala-Asp-Pro-Lys-Gln-Lys-Trp-Val-Gln-Cys, wherein the dosage form is linked to a site targeting moiety.

70. (Canceled)

71. (Previously Presented) A method of preventing or inhibiting an indication associated with a leukocyte migration, comprising: administering to a mammal afflicted with, or at risk of, the indication an effective amount of CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.

72. (Currently Amended) A method of preventing or inhibiting an indication associated with ~~hematopoietic cell~~ leukocyte recruitment, comprising: administering to a mammal at risk of, or afflicted with, the indication an effective amount of CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.

73. (Currently Amended) A method of preventing or inhibiting ~~hematopoietic cell~~ leukocyte recruitment at a preselected physiological site, comprising: administering to a mammal a dosage form comprising an effective amount of CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys, wherein the dosage form is linked to a site targeting moiety.

74. (Canceled)

75. (Currently Amended) A method of inhibiting an indication associated with leukocyte ~~recruitment migration~~, comprising: administering to a mammal afflicted with the indication an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14).

76. (Currently Amended) A method of inhibiting an indication associated with ~~hematopoietic cell~~ leukocyte recruitment, comprising: administering to a mammal afflicted with the indication an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14).

77. (Currently Amended) A method of inhibiting ~~hematopoietic cell~~ leukocyte recruitment at a preselected physiological site, comprising: administering to a mammal a dosage form comprising an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14), wherein the dosage form is linked to a site targeting moiety.

78. (Previously Presented) A method of inhibiting an indication associated with leukocyte migration, comprising: administering to a mammal afflicted with the indication an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42,

SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, or SEQ ID NO:74.

79. (Currently Amended) A method of inhibiting an indication associated with ~~hematopoietic cell~~ leukocyte recruitment, comprising: administering to a mammal afflicted with the indication an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42, SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, or SEQ ID NO:74.

80. (Currently Amended) A method of inhibiting ~~hematopoietic cell~~ leukocyte recruitment at a preselected physiological site, comprising: administering to a mammal a dosage form comprising an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42, SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, or SEQ ID NO:74, wherein the dosage form is linked to a site targeting moiety.

81. (Previously Presented) A method of inhibiting an indication associated with leukocyte migration, comprising: administering to a mammal afflicted with the indication an effective amount of CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.

82. (Currently Amended) A method of inhibiting an indication associated with ~~hematopoietic cell~~ leukocyte recruitment, comprising: administering to a mammal afflicted with the indication an effective amount of CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.

83. (Currently Amended) A method of inhibiting ~~hematopoietic cell~~ leukocyte recruitment at a preselected physiological site, comprising: administering to a mammal a dosage form comprising an effective amount of CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys, wherein the dosage form is linked to a site targeting moiety.

84. (New) A method of inhibiting leukocyte migration or recruitment comprising: administering to a mammal an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14) or CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.

85. (New) The method of claim 84 wherein Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14) or CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys is in a dosage form which linked to a site targeting moiety.

86. (New) A method of inhibiting leukocyte migration or recruitment, comprising: administering to a mammal an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42, SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, or SEQ ID NO:74.

87. (New) The method of claim 86 wherein the peptide is in a dosage form which is linked to a site targeting moiety.

88. (New) A method of preventing or inhibiting leukocyte migration or recruitment comprising: administering to a mammal an effective amount of Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14) or CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.

89. (New) The method of claim 88 wherein Glu-Ile-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:14) or CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys is in a dosage form which linked to a site targeting moiety.

90. (New) A method of preventing or inhibiting leukocyte migration or recruitment, comprising: administering to a mammal an effective amount of a peptide comprising no more than 30 amino acid residues, which peptide comprises SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:38, SEQ ID NO:40, SEQ ID NO:41, SEQ ID NO:42, SEQ ID NO:43, SEQ ID NO:44, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:72, SEQ ID NO:73, or SEQ ID NO:74.

91. (New) The method of claim 90 wherein the peptide is in a dosage form which is linked to a site targeting moiety.

92. (New) The method of claim 63, 64, 65, 67, 68 or 69 wherein the indication is associated with an aberrant or pathological inflammatory response.